BRING SCIENCE TO LIFE WITH A FIELD TRIP!

This guide provides an overview of Ontario Science Centre programs and films for grades 9–12. Check out our website for descriptions and more information on exhibitions, pricing and how to book a class trip. You can also sign up for our Teacher eNews for notifications of our newest experiences and invitations to exclusive teacher events.

OntarioScienceCentre.ca/School

Our team of dynamic educators facilitate interactive and inquiry-based school programs that encourage creativity, collaboration, communication and critical thinking and challenge students to keep asking questions and make real-world connections.

We believe that when learning is focused on the learner—and incorporates FUN—students are empowered to figure things out for themselves and embark on a lifelong adventure of discovery, creating a more curious, creative and resilient world.

Thank you for keeping your students excited by STEAM subjects. Your efforts are making a difference in the lives of students across the province. We’re here to help.
## Grades 9–12

### Interactive Presentations
Lecture hall-style presentations that incorporate student input and participation.

<table>
<thead>
<tr>
<th>Activity</th>
<th>Grade</th>
<th>Duration</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cosmic Connections</td>
<td>9</td>
<td>45 minutes</td>
<td>Monday to Friday 11 a.m., 12 p.m., 1 p.m. &amp; 2 p.m. (except where specified) $12 per student</td>
</tr>
<tr>
<td>Climate Change</td>
<td>10</td>
<td>45 minutes</td>
<td>Mondays, Wednesdays &amp; Fridays at 12 p.m. Grade 10</td>
</tr>
<tr>
<td>Light and Optics</td>
<td>10</td>
<td>45 minutes</td>
<td>Monday to Friday at 11 a.m. Grade 10</td>
</tr>
</tbody>
</table>

### Hands-on Workshops
Students work in small teams in a lab or the Challenger Learning Centre.

<table>
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<th>Activity</th>
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<th>Duration</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Environmental Water Testing</td>
<td>11–12</td>
<td>90 minutes</td>
<td>Monday to Friday 10 a.m., 12 p.m. &amp; 2 p.m. $17 per student Grades 11–12</td>
</tr>
<tr>
<td>Space Mission Simulation: Return to the Moon</td>
<td>9–12</td>
<td>105 minutes</td>
<td>Monday to Friday 10 a.m., 12 p.m. &amp; 2 p.m. $18 per student Grades 9–12</td>
</tr>
<tr>
<td>Way to Glow: Bacterial Transformation</td>
<td>11–12</td>
<td>105 minutes</td>
<td>Tuesday to Friday 10 a.m., 12 p.m. &amp; 2 p.m. $20 per student Grades 11–12</td>
</tr>
<tr>
<td>DNA Fingerprinting</td>
<td>12</td>
<td>6 hours</td>
<td>Monday to Friday at 9:30 a.m. $30 per student Grade 12</td>
</tr>
</tbody>
</table>

### Online Booking:
OntarioScienceCentre.ca/School

### Clickers
An Audience Response System allows students to make predictions, express opinions, answer questions and see their accumulated responses live.

Supported by PLANETARIUM
IMAX® FILMS

Films are chosen for their educational value, curriculum connections and quality of science content. Combine an IMAX film with one of our school programs for the complete Science Centre experience.

50 - 55 MINUTES

Add a film: $6 per person
Up to 310 seats
Please note that IMAX film screenings for school groups begin on October 7, 2019.

VOLCANOES: THE FIRES OF CREATION
Opens October 13, 2019

RELATED SCHOOL PROGRAMS
- Chemistry Concepts in Action (9–12)
- Climate Change (10)


A BEAUTIFUL PLANET

RELATED SCHOOL PROGRAMS
- Space Mission: Return to the Moon (9–12)
- Climate Change (10)
- Environmental Water Testing (11–12)

Presented by IMAX Entertainment. Made in cooperation with the National Aeronautics and Space Administration.

Photo © 2016 IMAX Corporation

APOLLO 11: FIRST STEPS EDITION

RELATED SCHOOL PROGRAMS
- Cosmic Connections (9)
- Space Mission: Return to the Moon (9–12)

Directed by Todd Douglas Miller, Apollo 11: First Steps Edition is produced by Statement Pictures in partnership with CNN Films and presented by Land Rover. The film is distributed by MacGillivray Freeman Films.

GREAT BEAR RAINFOREST

RELATED SCHOOL PROGRAMS
- Climate Change (10)

Directed and produced by Spirit Bear Entertainment and distributed by MacGillivray Freeman Films.

Photo copyright Ian McAllister

OCEANS: OUR BLUE PLANET

RELATED SCHOOL PROGRAMS
- Environmental Water Testing (11–12)

Photograph by Jason Isley copyright BBC NHU 2017

SUPERPOWER DOGS

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Film titles, dates and show times are subject to change without notice.
MINDWORKS

September 23, 2019 – June 25, 2020

Explore how you think at our new MindWorks exhibition. Take an unforgettable journey through your own mind and question how you think, feel, and react to the world around you. Explore topics such as consciousness, decision-making, emotions, creativity, personality and much more. This exhibition will spark moments of mindfulness, challenging you and your students to question yourselves and discover answers through hands-on experiences.

MindWorks is a new exhibition developed and produced in-house at the Ontario Science Centre.

Knowledge Partner: Ontario Brain Institute

LIFE OF THE EARTH

DEATH OF THE SUN

September 23, 2019 – January 5, 2020

Immerse yourself in this massive multimedia work by Canadian contemporary artist Director X, renowned director/producer of popular music videos and feature films. Displayed on a giant sphere, Life of the Earth is a reflection on humanity, environmental destruction and the planet’s sixth and current mass extinction of plant and animal life. Death of the Sun, which premiered at Nuit Blanche 2016, is a meditation on human mortality and our place in the Universe, portraying the death of the star that sustains us.

RELATED IMAX FILM
• A Beautiful Planet

RELATED SCHOOL PROGRAM
• Climate Change (10)

In partnership with City of Toronto/Nuit Blanche and the Ontario Science Centre.

FOR MORE INFORMATION

Phone: 416–696–3140
Toll Free: 1–888–696–1110
(ask for School Bookings Office)
Monday to Friday, 8 a.m. – 4 p.m.

E-mail: SchoolBookings@OntarioScienceCentre.ca

Ontario Science Centre School Bookings
770 Don Mills Road Toronto, ON M3C 1T3
OntarioScienceCentre.ca/School

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OUR PREMIER PARTNERS

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